

Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997
4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)				
Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
Plant -wide	Ozone Depleting Substances	40 CFR Part 82, Subpart E Labeling of Products Using Ozone Depleting Substances 82.102, 82.106, 82.108, and 82.110	Labeling: Rule requires the labeling of products made with or containing Class I ozone depleting substances. It also requires that containers containing Class I or Class II substances be labeled. Products made with or containing Class II ozone depleting substances must be labeled, starting Jan. 1, 2015, or earlier if if EPA promulgates earlier labeling under Section 611 Clean Air Act.	McDonnell Douglas complies with the labeling requirements by: 1) including warning statements on or accompanying the final product delivery documentation, and 2) including warning statements on ozone depleting substances sent off-site for reclamation, etc.
		40 CFR Part 82, Subpart F Ozone Depleting Substances Recycling and Emission Reduction, Appliances	Rule requires work practices, use of approved recycling equipment, certified technicians, refrigerant loss limits, and repair or replacement.	Refrigerant additions are tracked per unit, loss rates determined, repair or replacement initiated, recycling equipment and technician certification records retained.
<p>Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.</p>				

ORM OP - D04	APPLICABLE REQUIREMENTS		
Facility Name	County No.	Plant No.	Year Submitted
IcDonnell Douglas Corporation	4300	0230	1997

Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

McDonnell Douglas Corporation

Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

FORM OP - D04 APPLICABLE REQUIREMENTS

FEDERALLY ENFORCEABLE

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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
Plant	Opacity	10 CSR 10-5.090	For existing installations or equipment, the opacity must be less than 40% when PM emissions are less than 25 pounds/hr.	Visual observation and agency inspection records. See additional unit-specific methods for combustion units:
-wide		Restriction of Emission of Visible Air Contaminants	For new installations or equipment, the opacity must be less than 20%. Existing installations or equipment with more than 25 pounds/hr PM emissions are limited to less than 20% opacity. A person may discharge into the atmosphere from any single source of emission for a period (or periods) aggregating not more than six (6) minutes in any sixty (60) minutes air contaminants of a shade or density not darker than 40% opacity.	CS-005-02, CS-005-03, CS-005-04, CS-101-05, and CS-101-06
			["Existing" means in being, installed or constructed on or before March 24, 1967. (St. Louis Metropolitan Area.)]	
			["New" means any source not classified as existing.]	
			McDonnell Douglas Corporation has both "existing" and "new" emission sources.	

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name	County No.	Plant No.	Year
McDonnell Douglas Corporation	4300	0230	1997

Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

FORM OP - D04	APPLICABLE REQUIREMENTS			FEDERALLY ENFORCEABLE		
Facility Name	County No.	Plant No.	Year Submitted			
McDonnell Douglas Corporation	4300	0230	1997			

McDonnell Douglas Corporation

Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
Plant -wide	Regulated Air Contaminants*	10 CSR 10-6.110 Submission of Emission Fees and Process Information	Facility is required to submit an annual EIQ report since its potential emissions of any one pollutant listed in Table 1 of 10 CSR 10-6.020(3) exceed the de minimis levels. Facility is also required to pay emission fees per ton of pollutant.	McDonnell Douglas Corporation prepares and submits an annual Emission Inventory Questionnaire report with all appropriate emission fees to the agency.
Plant -wide	SO ₂ , CO, NO ₂ , O ₃ , PM-10	10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential	Rule identifies the agency director's role during high periods of air pollution potential. The facility is required to develop alert plans which it must implement when requested by the director (10 CSR 10-6.130 (7)-(9)).	McDonnell Douglas Corporation shall implement requests of the agency director during periods of high air pollution control potential for its stationary sources. An Air Pollution Episode Plan was submitted to St. Louis County on August 19, 1992.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

* Pollutants listed on Table 1 in 10 CSR 10-6.020 (3).

ORM OP - D04	APPLICABLE REQUIREMENTS			FEDERAL REGISTER	
Facility Name	County No.	Plant No.	Year Submitted		
McDonnell Douglas Corporation	4300	0230	1997		

Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name		County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation		4300	0230	1997
Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)				
Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
			See Attached	

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
ADHESIVES/SEALANTS						
AS-STL-01	SB-102-02	Adhesive/Sealant Booth (Research & Development)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1207	None	N.A.
BUILDING FUGITIVES						
BF-STL-01	SB-120-01	Paint and Epoxy Mixing Booth	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1623	None	N.A.
BF-STL-03	BF-STL-03	Facility-Wide Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-002-03	BF-002-03	Building No. 2 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-027-03	BF-027-03	Building No. 27 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-029-03	BF-029-03	Building No. 29 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-048-03	BF-048-03	Building No. 48 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-066-03	BF-066-03	Building No. 66 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-101-03	BF-101-03	Building No. 101 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
BUILDING FUGITIVES						
BF-102-03	BF-102-03	Building No. 102 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-220-03	BF-220-03	Building No. 220 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-245-03	BF-245-03	Building No. 245 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
NONE	MS-027-05	70% Hydrofluoric Acid Usage and Storage in Chemical Processing Area	HAP	40 CFR Part 68, Clean Air Act, Section 112 (r), Accidental Release Prevention Program	Facilities that have processes using hazardous chemicals which exceed the thresholds defined in the "List Rule" (59 FR 4478) are required to develop and implement a Risk Management Plan. Facilities are also required to register with EPA and update the Risk Management Plan as necessary.	McDonnell Douglas will initiate a process change to reduce the Hydrofluoric Acid solutions to a concentration not covered by this rule or will implement a Risk Management Plan (RPM) by June 21, 1999 for those chemical processing areas covered by this rule.
NONE	MS-052-01	70% Hydrofluoric Acid Usage and Storage in Chemical Processing Area	HAP	40 CFR Part 68, Clean Air Act, Section 112 (r), Accidental Release Prevention Program	Facilities that have processes using hazardous chemicals which exceed the thresholds defined in the "List Rule" (59 FR 4478) are required to develop and implement a Risk Management Plan. Facilities are also required to register with EPA and update the Risk Management Plan as necessary.	McDonnell Douglas will initiate a process change to reduce the Hydrofluoric Acid solutions to a concentration not covered by this rule or will implement a Risk Management Plan (RPM) by June 21, 1999 for those chemical processing areas covered by this rule.
COLD CLEANERS						
CC-STL-01	CC-STL-01A	Facility-Wide Cold Cleaners	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications, 2) operating procedures, 3) monthly record keeping requirements, and 4) annual operator training.	McDonnell Douglas uses cold cleaners meeting the specifications identified in Section (4) (A) of the rule, and has annual operator training and monthly record keeping systems in place.
CC-STL-01	CC-STL-01B	Spray Gun Cleaning Operations (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.751, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STL-01A	Same as EU: CC-STL-01A
CC-STL-01	CC-101-14	Parts Cleaning Bench	VOC	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1711	None	N/A

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COLD CLEANERS						
CC-STL-01	CC-101-15	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6188 (Issued: 3/7/96)	Same as EU CC-STL-01A Construction Permit #6188: Solvents are limited to N-Methyl Pyrrolidone or an Aliphatic Hydrocarbon which has been pre-approved by the program manager	Same as EU CC-STL-01A Construction Permit #6188: Compliant solvent is used.
CC-STL-01	CC-102-01	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STL-01A	Same as EU:CC-STL-01A
CC-STL-01	CC-105-01	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6180 (Issued: 2/15/96)	Same as EU: CC-STL-01A Construction Permit #6180: Solvents are limited to N-Methyl Pyrrolidone or an Aliphatic Hydrocarbon which has been pre-approved by the program manager	Same as EU:CC-STL-01A Construction Permit #6180: Compliant solvent is used.
CC-101-01	CC-101-16	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU CC-STL-01A	Same as EU CC-STL-01A
CC-101-02	DT-101-07	Dip Tank	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1407	None	N A
CC-101-02	DT-101-08	Dip Tank	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1407	Same as EU: CC-STL-01A None	Same as EU:CC-STL-01A N A
CC-STL-01	CC-221-01	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6114 (Issued: 7/18/95)	Same as EU: CC-STL-01A Construction Permit #6114: 1) The operation is limited to a twelve (12) month rolling average as follows: a) 550 gallons of solvents b) average solvent weight of ten (10) pounds per gallon 2) McDonnell Douglas shall maintain records which show the amount and weight of each material added to the unit. Should the records show that the limits established in Condition #1 have been exceeded, McDonnell Douglas shall notify the APC Section by the next working day. 3) Records shall be maintained on site for two (2) years and made available to the Program Director or his designated agent at any reasonable time	Same as EU CC-STL-01A Construction Permit #6114: 1) Records indicate that operation is within allowable limits 2) Records are maintained which show the amount and weight of each material added. 3) Records are maintained for two (2) years

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-002-01	SB-002-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	The emission of particulate matter during any one (1) hour cannot exceed the concentrations shown in Table II of the rule for the process weight rate associated with that source.	Concentrations, as determined by engineering and mass balance calculations using material throughputs, spray gun transfer efficiency, and booth filter efficiency, do not exceed the requirements of this rule.
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Emission limit for aerospace assembly and components: Primers: 6.0 lbs VOC/gal (less H ₂ O and exempt VOCs) Topcoats: 5.0 lbs VOC/gal (less H ₂ O and exempt VOCs)	McDonnell Douglas complies with this rule by following the appropriate record keeping requirements of Section (6).
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1780	Construction Permit #1780: 1) Limit 7,000 gallons of coatings per calendar year. 2) Daily records of gallons of coatings by aircraft type and in accordance with 10 CSR 10-5.330 shall be maintained for 2 years and shall be made available upon request. 3) A quarterly report of the gallons of coatings used in the booth shall be submitted to the Program Manager.	Construction Permit #1780: McDonnell Douglas has established a daily record keeping system which tracks type and gallons of each type of aircraft coating used. Based on this data, McDonnell Douglas prepares a quarterly report of the amount of coatings used in the booth and submits the report to St. Louis County.
CL-002-02	SB-002-06	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-027-01	SB-027-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation		County No. 4300		Plant No. 0230		Year Submitted 1997	
<p>Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.</p>							
EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)	
COATING LINE							
CL-027-01	SB-027-02	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-027-01	SB-027-03	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-027-01	SB-027-04	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-027-01	SB-027-05	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-029-01	CL-029-01	Coating Line (Aerospace Production) (Adhesive Bonding Primers and Specialty Coatings)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applying adhesive bonding primers and specialty coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6259	Construction Permit #6259: 1) Adhesive bonding usage is limited to five hundred twenty-six (526) gallons of material containing six and sixty-six one-hundredths (6.66) pounds of VOC and HAP, or an equivalent number of gallons of exempt adhesive bonding material containing greater or lesser amounts of VOC and HAP, on a twelve (12) month rolling average. 2) McDonnell Douglas shall maintain monthly records of adhesive bonding usage and its VOC and HAP content per gallon on site for the latest twenty-four (24) month period, which clearly demonstrates compliance with the limit established in condition #1, above. These records shall be made available to the Program Manager, or his designated agent, at any reasonable time. 3) Should the records indicate that a violation of condition #1 has occurred, McDonnell Douglas shall notify the Program Manager by no later than the next working day	Construction Permit #6259: McDonnell Douglas demonstrates compliance by the record keeping method specified in condition #2 and the reporting requirements specified in condition #3 of the permit
CL-029-02	SB-029A-01	Spray Booth (QA/QC)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1755 (Issued: 3/21/90)	Construction Permit #1755: Unit is limited to 2,000 hours of operation per calendar year.	Construction Permit #1755: McDonnell Douglas limits the hours of operation to 2,000 hours per calendar year.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Section D

Facility Name McDonnell Douglas Corporation		County No. 4300		Plant No. 0230		Year Submitted 1997	
<p>Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.</p>							
EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)	
COATING LINE							
CL-048-01	MB-048-01	Paint Mixing Hood	VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1521	None	N A	
CL-048-01	SB-048-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-048-01	SB-048-02	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-048-01	SB-048-03	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	
CL-048-01	SB-048-04	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01	
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01	
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01	

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-048-01	SB-048-05	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-048-01	SB-048-06	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-048-01	SB-048-07	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-048-01	SB-048-08	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-048-01	VS-048-01	Solvent Drum Storage and Dispensing Area	VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1521	None	N A.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-060-01	SB-060-01	Spray Booth (Aerospace Production Using Aerosol Cans)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applying paint with aerosol cans. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-063-01	MB-063-01	Two Paint Mixing Hoods	VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1491	None	N A
CL-063-01	SB-063-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1490	None	N A

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-066-01	SB-066-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1369	Construction Permit #1369: Unit is limited to 2,080 hours of operation per calendar year.	Construction Permit #1369: McDonnell Douglas limits the hours of operation to 2,080 hours of operation per calendar year.
CL-066-01	SB-066-02	Spray Booth (Research & Development Activities)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1366	Construction Permit #1366: Unit is limited to 2,080 hours of operation per calendar year.	Construction Permit #1366: McDonnell Douglas limits the hours of operation to 2,080 hours of operation per calendar year.
				All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP).	Same as EU SB-002-01 as applicable	This booth is currently used solely for research and development. Per McDonnell Douglas' con- versations with the permitting agency, research and development activities are exempt from the require- ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring require- ments, as provided under EU SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements.
CL-101-01	SB-101-01	Bench Spray Hood (Specialty Coatings Only) (Aerospace Production)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01 as applicable	This booth is currently used solely for applying specialty coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-01	SB-101-07	Bench Spray Hood (Adhesives) (Aerospace Production)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-25	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-26	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-29	Bench Spray Hood (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1624	None	N A

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-01	SB-101-44	Bench Spray Hood	VOC/HAP/PM	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP).	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applications which do not involve topcoats or primers. These activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered industrial operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring require- ments, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements
CL-101-02	SB-101-02	Spray Booth (Aerospace Production and Research & Development Activities)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1754	Construction Permit #1754: Unit is limited to 2,000 hours of operation per calendar year	Construction Permit #1754: McDonnell Douglas limits the hours of operation to 2,000 hours of operation per calendar year

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-02	SB-101-33	Spray Booth (Aerospace Production and Research & Development Activities)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-02	SB-101-40	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-02	SB-101-40A	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-03	MB-101-01	Paint Mixing Hood	VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6208 (Issued: 4/26/96)	Same as EU: SB-101-45	Same as EU: SB-101-45

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-03	SB-101-04	Spray Booth (Periodic Aerospace Production and Research & Development)	VOC/HAP PM VOC VOC/HAP/PM	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) 10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes 10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #5988 (Issued: 4/26/96)	Same as EU: SB-002-01 as applicable Same as EU: SB-002-01 as applicable Same as EU: SB-002-01 as applicable Construction Permit #5988: 1) Paint usage is limited to 2000 gals/yr. 2) Record keeping for this operation must be maintained as required by 10 CSR 10-5.330. 3) Report of paint usage from this operation must be submitted to St. Louis County - Air Pollution Control quarterly	Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. When covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements. Construction Permit #5988: McDonnell Douglas demonstrates compliance by the record keeping method specified in condition #2 and the reporting requirements specified in condition #3 of the permit.
CL-101-03	SB-101-41	Spray Booth (Research & Development)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1621 All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP)	None Same as EU: SB-002-01 as applicable	N.A. This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.
CL-101-03	SB-101-06	Spray Booth (Mock-up and Tooling, Periodic Aerospace Production)	VOC/HAP PM VOC VOC/HAP/PM	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) 10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes 10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1473	Same as EU: SB-002-01 Same as EU: SB-002-01 Same as EU: SB-002-01 None	Same as EU: SB-002-01 Same as EU: SB-002-01 Same as EU: SB-002-01 N.A.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-03	SB-101-43	Spray Booth (Research & Development)	VOC/HAP/PM	<p>10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1474</p> <p>All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP).</p>	<p align="center">None</p> <p>Same as EU: SB-002-01 as applicable</p>	<p align="center">N.A.</p> <p>This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.</p>
CL-101-03	SB-101-35	Bench Spray Hood (Research & Development)	VOC/HAP/PM	<p>10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1475</p> <p>All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP).</p>	<p align="center">None</p> <p>Same as EU: SB-002-01 as applicable</p>	<p align="center">N.A.</p> <p>This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.</p>

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-101-03	SB-101-45	Spray Booth (Research & Development)	VOC/HAP/PM	<p>10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6208 (Issued: 4/26/96)</p> <p>All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP)</p>	<p>Construction Permit #6208 1. This unit shall be operated in accordance with the requirements of 10 CSR 10-5.330, including daily record keeping. 2. Unit is limited to 6,665 gal per year containing six (6) pounds VOC per gallon or equivalent, on a twelve (12) month rolling average. 3. Monthly records of coating usage, VOC content, and twelve (12) month rolling average shall be maintained on site and made available to the Program Director at any reasonable time. 4. Should records indicate a violation of State regulation 10 CSR 10-5.330 has occurred, or the limitations established in Condition #2 has occurred; McDonnell Douglas must notify the Program Manager by no later than the next working day.</p> <p>Same as EU: SB-002-01 as applicable</p>	<p>Construction Permit #6208 McDonnell Douglas demonstrates compliance by the record keeping method specified in Conditions #1 and 2 and the reporting requirements specified in conditions #3 and 4 of the permit.</p> <p>This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements</p>
CL-102-01	SB-102-01	Bench Spray Hood (Research & Development)	VOC/HAP/PM	<p>10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1207</p> <p>All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP)</p>	<p>None</p> <p>Same as EU: SB-002-01 as applicable</p>	<p>N.A.</p> <p>This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.</p>

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-102-01	SB-102-01	Spray Booth (Aerospace Production)	VOC/IAIP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1042	None	N A
CL-220-01	SB-220-01	Spray Booth (Aerospace Production) (Adhesive Bonding Primers and Specialty Coatings)	VOC/IAIP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applying adhesive bonding primers and specialty coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring require- ments, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-245-01	SB-245-01	Spray Booth (Production Tooling, Maintenance)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1547	None	N A
CL-245-02	SB-245-02	Spray Booth (Mock-up & Tooling)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1709	None	N A

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINE						
CL-248-01	SB-248-01	Spray Booth (Research & Development)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1753 All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP)	Construction Permit #1753: Unit is limited to 2,000 hours of operation per calendar year. Same as EU SB-002-01 as applicable	Construction Permit #1753: McDonnell Douglas limits the hours of operation to 2,000 hours of operation per calendar year. This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.
NONE	SB-101-10	Metal Spray System (Research & Development)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1668 All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP)	None Same as EU SB-002-01 as applicable	N A This booth is currently used solely for research and development. Per McDonnell Douglas' conversations with the permitting agency, research and development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.
NONE	SB-101-34	Spray Booth (Arc Spray) (Aerospace Production)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
NONE	SB-101-48	Spray Booth (Metal Powder)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
NONE	SB-220-02	Sanding Booth	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
BF-STL-01	BF-STL-01	Facility-Wide Painting Operations (Aerospace Production) (Note: This emission point includes painting operations which are directly related to aerospace production, but are performed outside of a spray booth.)	VOC/HAP VOC	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) 10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU SB-002-01 Same as EU SB-002-01	Same as EU SB-002-01 Same as EU SB-002-01

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COMBUSTION SOURCES						
CS-005-02 (will be CS-005-01 in 1997)	CS-005-02	Coal Fired Boiler (10-100 MMBtu/hr)	PM N A. Opacity Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1321 (PSD)	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. See D04 Plantwide (Page D04F-7 & 8) Construction Permit #1321: 1) Boiler # 1 must be removed. 2) Maximum hourly input is limited to 110.2×10^6 BTU/hr from April 1 to Oct. 31 and to 122.4×10^6 BTU/hr from Nov. 1 to Mar. 31 3) Permittee may burn coal, natural gas, No. 2 fuel oil or any other fuel which complies with the following conditions: (a) The sulfur content of fuel burned shall not exceed one percent (1%) as determined using the applicable test method contained in 10 CSR 10-6.040. Manufacturer's data may also be used to verify the sulfur content of the fuel. (b) The ash content of coal burned shall not exceed twelve percent (12%) by weight. (c) Permittee shall submit monthly coal usage and analysis reports, within 15 days of the end of the month, including: quantity of coal burned, sulfur content of coal, ash content, and heating value of the coal in BTU's per pound. 4) SO ₂ emissions < or = 217.5 lbs/hr and 1.76 lbs/MMBTU heat input. 5) NO ₂ emissions < or = 1.0 lb/MMBTU heat input. 6) Within 180 days of start-up a stack test shall be performed. 7) An SO ₂ monitoring site must be operated for one (1) year in accordance with 10 CSR 10-6.060 8) NO ₂ compliance plan.	See Attachment A (following Form OP-D05 for this rule) The only solid fuel burned in this combustion unit is coal. Refuse is not burned Pressure drop in baghouse is monitored by operator. Construction Permit #1321: 1) Boiler # 1 has been removed. 2) McDonnell Douglas monitors coal input 3) McDonnell Douglas purchases only low-sulfur coal (i.e., sulfur content is less than 1% by weight) and maintains records of each coal delivery ticket to indicate this. McDonnell Douglas purchases only coal with an ash content below 12% and keeps records of coal delivery tickets indicating this. Monthly coal usage and coal analysis reports are submitted to St. Louis County - Air Pollution Control. 4) When low sulfur (<1%) coal is burned, the emissions do not exceed the permit limits. This is demonstrated by the following calculation which is based on the maximum allowable input rating, the sulfur content of the coal, and the AP-42 emission factor (38.5 lb/ton): $122.4 \text{ MMBtu/hr} \times 1.0 \text{ ton/26 MMBtu} \times 38(1.0) \text{ lb/ton} = 178.9 \text{ lb/hr SO}_2$ (SO ₂ is 95% of this, 169.9 lb/hr) = 1.39 lb/MMBTU SO ₂ 5) McDonnell Douglas has conducted emission testing (1/18/85) which shows compliance with the 1.0 lb/MMBTU NO ₂ emission limit. Test results are on file with St. Louis County - Air Pollution Control. 6) McDonnell Douglas has conducted emission testing (1/18/85). Test results are on file with St. Louis County - Air Pollution Control 7) An SO ₂ monitoring site was operated for one (1) year 8) McDonnell Douglas has submitted an NO ₂ compliance plan to St. Louis County - Air Pollution Control (8/12/85)

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COMBUSTION SOURCES						
CS-005-03 (will be CS-005-01 in 1997)	CS-005-03	Coal Fired Boiler (10-100 MMBtu/hr)	PM N A Opacity Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1321 (PSD)	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. See D04 Plantwide (Page D04F-7 & 8) Same as EU CS-005-02	See Attachment A (following Form OP-D05 for this rule) The only solid fuel burned in this combustion unit is coal. Refuse is not burned. Pressure drop in baghouse is monitored by operator. Same as EU CS-005-02
CS-005-04 (will be CS-005-01 in 1997)	CS-005-04	Coal Fired Boiler (10-100 MMBtu/hr)	PM N A Opacity Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1321 (PSD)	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. See D04 Plantwide (Page D04F-7 & 8) Same as EU CS-005-02	See Attachment A (following Form OP-D05 for this rule) The only solid fuel burned in this combustion unit is coal. Refuse is not burned. Pressure drop in baghouse is monitored by operator. Same as EU CS-005-02
CS-005-05	CS-005-05	Natural Gas Boiler (10-100 MMBtu/hr) (Light Oil "Backup")	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule) This combustion unit is not capable of burning solid fuels.
CS-101-01 (will be CS-101-01 in 1997)	CS-101-01	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil "Backup")	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-101-02 (will be CS-101-01 in 1997)	CS-101-02	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil "Backup")	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-101-03 (will be CS-101-03 in 1997)	CS-101-03	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil "Backup")	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-101-04 (will be CS-101-03 in 1997)	CS-101-04	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil "Backup")	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COMBUSTION SOURCES						
CS-101-05 (will be CS-101-05 in 1997)	CS-101-05	Refuse Fired Boiler (10-100 MMBtu/hr)	PM	40 CFR Part 60, Subpart E, NSPS, Incinerators 10 CSR 10-6.070, New Source Performance Regulations (same as 40 CFR Part 60, Subpart E)	PM emission limit for incinerators with charging rates exceeding 50 tons/day: 0.18 g/dscm (0.08 gr/dscf) corrected to 12% CO ₂	The PM emission rate was determined by a performance test conducted on 4/16/84 to be less than 0.08 gr/dscf. McDonnell Douglas keeps a log of daily charge rates and hours of operation.
			PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.10 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule).
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This boiler is designed and permitted to burn refuse.
			PM	10 CSR 10-5.080, Incinerators	1) The PM emission limit = 0.2 gr/dscf of exhaust gas 2) No incinerator shall be used for burning of refuse unless such incinerator is a multiple chamber incinerator.	1. PM emission rate is less than 0.08 gr/dscf (determined by stack test conducted 4/12/84). 2. "Incinerator" is equipped with multiple chambers.
			Opacity	10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants	See D04 Plantwide (Page D04F-7 & 8)	Opacity meters are monitored by operators. Per operating procedures, when an upset condition occurs, a Method 9 opacity observation is made.
Criteria Pollutants				10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1226	None	N.A.
CS-101-06 (will be CS-101-05 in 1997)	CS-101-06	Refuse Fired Boiler (10-100 MMBtu/hr)	PM	40 CFR Part 60, Subpart E, NSPS, Incinerators 10 CSR 10-6.070, New Source Performance Regulations (same as 40 CFR Part 60, Subpart E)	Same as EU: CS-101-05	Same as EU: CS-101-05
			PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.10 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule).
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This boiler is designed and permitted to burn refuse.
			PM	10 CSR 10-5.080, Incinerators	1) The PM emission limit = 0.2 gr/dscf of exhaust gas 2) No incinerator shall be used for burning of refuse unless such incinerator is a multiple chamber incinerator.	1. PM emission rate is less than 0.08 gr/dscf (determined by stack test conducted 4/12/84). 2. "Incinerator" is equipped with multiple chambers.
			Opacity	10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants	See D04 Plantwide (Page D04F-7 & 8)	Opacity meters are monitored by operators. Per operating procedures, when an upset condition occurs, a Method 9 opacity observation is made.
Criteria Pollutants				10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1227	None	N.A.
CS-102-01	CS-102-01	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil Backup)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.21 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule).
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuels.
CS-102-02 (will be CS-102-02 in 1997)	CS-102-02	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil Backup)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.21 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule).
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuels.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COMBUSTION SOURCES						
CS-102-03 (will be CS-102-02 in 1997)	CS-102-03	Natural Gas and Fuel Oil Boiler (10-100 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels
CS-110-01 (will be CS-110-01 in 1997)	CS-110-01	Natural Gas and Fuel Oil Boiler (10-100 MMBtu/hr)	PM N A Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #0865	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. None	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels. N.A.
CS-110-02 (will be CS-110-01 in 1997)	CS-110-02	Natural Gas and Fuel Oil Boiler (10-100 MMBtu/hr)	PM N A Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #0865	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. None	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels. N A
CS-111-01 (will be CS-111-01 in 1997)	CS-111-01	Natural Gas Boiler (10-100 MMBtu/Hr) (Fuel Oil "Backup")	PM N A Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1332	The PM emission limit is 0.10 lb/MMBtu No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. None	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels N A
CS-111-02 (will be CS-111-01 in 1997)	CS-111-02	Natural Gas Boiler (10-100 MMBtu/hr) (Fuel Oil "Backup")	PM N A Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1332	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. None	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels. N.A.
CS-STL-01	CS-STL-01A	Facility-Wide Natural Gas Indirect Fired Combustion Sources	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limits for "new" and "existing" sources have been determined and are shown in Table D05-4 No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-STL-01C	Facility-Wide Propane Indirect Fired Combustion Sources	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limits for "new" and "existing" sources have been determined and are shown in Table D05-4. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COMBUSTION SOURCES						
CS-STL-01	CS-025-01	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-066-01	Natural Gas Boiler (<10 MMBtu/hr) (Fuel Oil Backup)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-066-02	Natural Gas Boiler (<10 MMBtu/hr) (Fuel Oil Backup)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-066-03	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-066-04	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-067-01	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-067-02	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.
CS-STL-01	CS-111-03	Natural Gas Boiler (<10 MMBtu/hr) (Fuel Oil "Backup")	PM N A Criteria Pollutants	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1333	The PM emission limit is 0.10 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel. None	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels. N A
CS-STL-01	CS-221-01	Natural Gas Boiler (<10 MMBtu/hr)	PM N A	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating 10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	The PM emission limit is 0.21 lb/MMBtu. No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	See Attachment A (following Form OP-D05 for this rule). This combustion unit is not capable of burning solid fuels.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
DEPAINTING OPERATIONS						
CS-STL-01	CS-221-02	Natural Gas Boiler (<10 MMBtu/hr)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.21 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule).
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuels.
MC-STL-01	MC-STL-01	Facility-Wide Chemical Depainting Operations (Aerospace Production)	HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63 746, 63 749, 63 750, 63 752 and 63 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
NONE	DP-STL-01	Facility-Wide Non-Chemical Depainting Operations (Aerospace Production)	HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63 746, 63 749, 63 751, 63 752 and 63 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
EMERGENCY GENERATORS						
NONE	EG-STL-01	Facility-Wide Emergency Generators	PM	10 CSR 10-5.180, Emission of Visible Air Contaminants from Internal Combustion Engines	No visible air contaminants can be discharged from an internal combustion engine for more than 10 consecutive seconds at any one time.	Agency Inspection Records <i>Note: Facility-Wide emergency generators are insignificant sources, but are listed on this form because of the existence of this one applicable requirement (10 CSR 10-5.180)</i>
HAZARDOUS WASTE						
NONE	HW-STL-01	Facility-Wide HAP-Containing Wastes Generated from Aerospace Activities (Not Subject to RCRA)	HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63 748, 63 749 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
NONE	MS-027-04	Hazardous Waste Shelter	HAP	40 CFR Part 63, Subpart DD, Off-site Waste NESHAP Applicable Subsections of 63 683, 63 688, 63 696, 63 697 Applicable Subsections of Subpart A and Subpart PP	Rule requires use of MACT and sets work practice standards for tanks, surface impoundments, containers, oil-water separators, drain systems, process vents and equipment leaks.	This shelter is the only area in McDonnell Douglas' St. Louis facilities which is subject to the Off-Site Waste NESHAP. An initial notification was sent to EPA on October 2, 1996. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until July 1, 1999 for existing sources. See Form OP-D05 for future compliance methods.
MASKANT LINE						
ML-051-01	ML-051-01	Maskant Line	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63 747, 63 749, 63 750, 63 752, 63 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1164	None	N A

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
MASKANT LINE						
ML-051-01	CC-051-01	Cold Cleaner	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.462, 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T) 40 CFR Part 63, Subpart A, General Provisions Applicable Subsections of 63.10	Rule establishes design requirements and sets work practice standards.	An initial notification was sent to EPA on August 14, 1995. McDonnell Douglas shall select a compliance method prior to the compliance date of this NESHAP.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications, 2) operating procedures, 3) monthly record keeping requirements, and 4) annual operator training.	McDonnell Douglas uses cold cleaners meeting the specifications identified in Section (4) (A) of the rule; and has annual operator training and monthly record keeping systems in place.
ML-051-01	CC-051-02	Cold Cleaner	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.462, 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T) 40 CFR Part 63, Subpart A, General Provisions Applicable Subsections of 63.10	Rule establishes design requirements and sets work practice standards.	An initial notification was sent to EPA on August 14, 1995. McDonnell Douglas shall select a compliance method prior to the compliance date of this NESHAP.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications, 2) operating procedures, 3) monthly record keeping requirements, and 4) annual operator training.	McDonnell Douglas uses cold cleaners meeting the specifications identified in Section (4) (A) of the rule; and has annual operator training and monthly record keeping systems in place.
NONE	ML-051-02	Aqueous Maskant Line	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.747, 63.749, 63.750, 63.752, 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Emission limit for Aerospace assembly and components: Maskant: 1.0 lb VOC/gal (less H ₂ O and exempt VOCs)	McDonnell Douglas complies with this rule by following appropriate record keeping requirements of Section (6) of the rule.
MELTING OVEN						
MO-029-A	MO-029-01	(3) Lead/Zinc Furnaces	PM-10/Lead	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1087	None	N.A.
MO-029-A	MO-029-02	Lead/Zinc Furnace	PM-10/Lead	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1520	None	N.A.
Ovens						
NONE	OV-220-11	Electric Heated Mixer	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	The emission of particulate matter during any one (1) hour cannot exceed the amounts shown in Table 1 of the rule for the process weight rate associated with that source.	Emissions, as determined by engineering calculations using material throughputs, do not exceed the requirements of this rule.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

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Facility Name McDonnell Douglas Corporation		County No. 4300		Plant No. 0230		Year Submitted 1997	
<p>Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.</p>							
EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)	
Ovens							
NONE	OV-220-12	Electric Heated Mixer	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: OV-220-11	Same as EU: OV-220-11	
NONE	OV-220-13	Electric Heated Mixer	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: OV-220-11	Same as EU: OV-220-11	
NONE	OV-220-14	Electric Heated Mixer	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: OV-220-11	Same as EU: OV-220-11	
PROCESS TANKS (Etching, Plating, Anodizing, etc.)							
PT-027-02	PT-027-02	Process Tank	HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1306	None	N A.	
PT-027-05	PT-027-05A	Process Tank (Chrome Anodizing)	Chromium	40 CFR Part 63, Subpart N, Chromium NES11AP Applicable Subsections of 63.342 Applicable Subsections of 63.340, 63.343, 63.346 and 63.347 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (Same as 40 CFR 63, Subpart N)	The surface tension must be < or = to 45 dynes/cm when a chemical fume suppressant is used.	McDonnell Douglas uses a chemical fume suppressant to comply with the surface tension limit of the rule. McDonnell Douglas' process specifications for the chrome anodizing operation have been updated and provide guidance on surfactant additions in order to maintain the surface tension well below 45 dynes/cm. The surface tension is monitored using a tensiometer. See Form OP-D05 for future compliance methods. An Operation and Maintenance Plan and a record keeping system have been established by McDonnell Douglas per the requirements of 63.346 and are available upon agency request. McDonnell Douglas has filed both the Initial Notification (6/27/95) and Notification of Compliance (1/31/97) reports with EPA. The On-going Compliance Certification will be sent to EPA semi-annually.	
PT-101-02	PT-101-02	Process Tank	HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1303	None	N A.	
PT-101-03	PT-101-03A	Process Tank	HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1304	None	N A.	
NONE	PT-027-13	Process Tank	Nuisance	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #0919	None	N A.	
NONE	PT-027-14	Process Tank	Nuisance	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #0950	None	N A.	
NONE	PT-029A-01	New Process Tank	HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6260 (Issued: 3/20/97)	None	N A.	
STORAGE PILES							
SP-005-01	SP-005-01	Coal Storage Pile	N A	10 CSR 10-5.120, Information on Sales of Fuels to be Provided and Maintained	This rule requires each coal or residual fuel oil delivery to be accompanied by a ticket prepared in triplicate, when first delivered to a consumer in the St. Louis area. The ticket should contain the name and address of the seller and buyer, the source of the fuel and the ash content (for coal).	McDonnell Douglas keeps a copy of each delivery ticket on file for each shipment of coal. (Residual fuel oil is not used by McDonnell Douglas).	

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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Section D

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
FUEL STORAGE TANKS						
ST-STL-01	ST-022-22	Gasoline Underground Storage Tank (8,000 gal)	VOC VOC VOC/HAP	40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives 10 CSR 10-5.220, (5), (6), (8), (10) and (11) Control of Petroleum Liquid Storage, Loading and Transfer 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permits (Stage I) #V1072 and V5529 (Issued: 10/21/82)	Gasoline dispensing rate is limited to 10 gallons per minute for cars and light trucks. 1) (5) Gasoline Transfer: Equipment Standards: Gasoline storage tanks with >500 gallons capacity must meet the requirements of Sections (5) (A) and (5) (D). 2) In addition, gasoline storage tanks with >1,000 gallons capacity must be equipped with a vapor recovery system that meets the Stage I requirements of Section (5) (B). 3) (6) Refueling of Motor Vehicles: Equipment Standards: Gasoline storage tanks with capacity > 1,000 gallons or tanks at facilities with a monthly throughput more than 10,000 gallons must be equipped with a vapor recovery system that meets the requirements of Section (6) A.(I) - (II). None	Field verification per EPA Field Dispenser Flow Rate Test Procedure. 1) This gasoline storage tank is equipped with a submerged fill pipe and meets the specifications of Section (5) (A) 1-4. Records of each gasoline delivery ticket are kept on file and will be made available to the agency upon request. 2) McDonnell Douglas has equipped this and all other gasoline storage tanks with capacities exceeding 1,000 gallons with Stage I and Stage II vapor recovery systems. Per the requirements of Section (10), McDonnell Douglas has applied for and has been issued construction and operating permits by St. Louis County and is waiting the issuance of an Operating Permit from MDNR. The application for the MDNR Operating Permit was filed on February 17, 1997. The tank passed director approved back pressure and leak decay tests on April 17, 1997 as a requirement for obtaining the MDNR Operating Permit. McDonnell Douglas obtained this Construction Permit in May of 1995 in order to fulfill the requirements of 10 CSR 10-5.220 (8).
ST-STL-01	ST-022-25	Gasoline Underground Storage Tank (10,000 gal)	VOC VOC VOC/HAP	40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives 10 CSR 10-5.220, (5), (6), (8), (10) and (11) Control of Petroleum Liquid Storage, Loading and Transfer 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit for Stage I & II Vapor Recovery Systems (Issued: 5/1/95)	Same as EU ST-022-22 Same as EU ST-022-22 Same as EU ST-022-22	Same as EU ST-022-22 Same as EU ST-022-22 Same as EU ST-022-22
ST-STL-01	ST-041-20	Gasoline Underground Storage Tank (8,000 gal)	VOC VOC N A	40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives 10 CSR 10-5.220, (5), (6), (8), (9), (10) and (11) Control of Petroleum Liquid Storage, Loading and Transfer St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #V718 (No longer in effect)	Same as EU ST-022-22 Same as EU ST-022-22 N A	Same as EU ST-022-22 McDonnell Douglas is filing for a Construction Permit to make a vapor recovery system modification pursuant to Section (9). N A
ST-STL-01	ST-121-01	Gasoline Storage Tank (550 gal)	VOC VOC	40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives 10 CSR 10-5.220, (5) (A) and (5) (D) Control of Petroleum Liquid Storage, Loading and Transfer	Same as EU ST-022-22 (5) Gasoline Transfer: Equipment Standards: Gasoline storage tanks (>500 gallon capacity) must meet the requirements of Sections (5) (A) and (5) (D).	Same as EU ST-022-22 This gasoline storage tank is equipped with a submerged fill pipe and meets the specifications of Section (5) (A) 1-4. Records of each gasoline delivery ticket are kept on file and will be made available to the agency upon request.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
FUEL STORAGE TANKS						
NONE	ST-005-20	Fuel Oil No. 2 Underground Storage Tank (20,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Rule sets equipment specification standards for tanks meeting certain storage capacity and vapor pressure criteria. <i>Note: McDonnell Douglas has eight (8) tanks subject to this rule. Seven of these tanks have storage capacities between 75m³ (19,813 gal) and 151 m³ (39,626 gal). The remaining tank has a capacity between 40m³ (10,567 gal) and 75 m³ (19,813 gal). The vapor pressures of the various liquids stored in these tanks are less than the 15 KPa stated in the rule. Per Section 60.110b, these tanks are subject only to the record keeping requirements of paragraphs (a) and (b) of Section 60.116b and are excluded from the provisions of Subpart A and the remaining sections of Subpart Kb.</i>	Record keeping: McDonnell Douglas keeps records showing the dimensions and calculated storage capacity of this tank. These records shall be kept for the life of the tank.
NONE	ST-005-21	Fuel Oil No. 2 Underground Storage Tank (20,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-041-21	Jet Fuel Underground Storage Tank (30,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-041-22	Jet Fuel Underground Storage Tank (30,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-041-23	Jet Fuel Underground Storage Tank (30,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-041-24	Jet Fuel Underground Storage Tank (30,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-102-21	Fuel Oil No. 2 Underground Storage Tank (20,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20
NONE	ST-111-01	Fuel Oil No. 2 Underground Storage Tank (12,000 gal)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b), NSPS, Volatile Organic Liquid Storage 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)	Same as EU: ST-005-20	Same as EU: ST-005-20

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

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Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
VD-027-01	VD-027-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements, and 3) annual operator training.	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator training and monthly record keeping systems have been established. A list of qualified operators and operating procedures is posted on this machine.
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1673:	None	N.A.
VD-029-01	VD-029-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 23, 1996. Construction on this degreaser has not been completed. At start-up, this degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D05 for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6258 (Issued: 2/5/97)	Construction Permit #6258: 1 Unit is limited to 2,563 gallons of TCE per year on a 12 month rolling average 2 Records of monthly TCE usage shall be kept for the latest 24 month period and shall be furnished upon request by the Program Manager 3 If the records indicate TCE usage is in excess of 2,563 gallons per year, the Program Manager shall be notified by the next working day	Construction Permit #6258: At start-up, McDonnell Douglas will demonstrate compliance by the record keeping methods and reporting requirements specified in conditions # 2 and #3 of the permit
CC-STL-01	VD-042-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 23, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements, and 3) annual operator training	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator training and monthly record keeping systems have been established. A list of qualified operators and operating procedures is posted on this machine.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4300	Plant No. 0230	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
VAPOR DEGREASERS						
CC-STL-01	VD-042-02	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on October 23, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements, and 3) annual operator training.	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator training and monthly record keeping systems have been established. A list of qualified operators and operating procedures is posted on this machine.
VD-101-01	VD-101-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1172	None	N.A.
VD-101-02	VD-101D-04	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources. This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D05 for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6168	None	N.A.
VD-102-01	VD-102-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources. This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D05 for future compliance determination methods.)
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01
			VOC/HAP	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1175	None	N.A.